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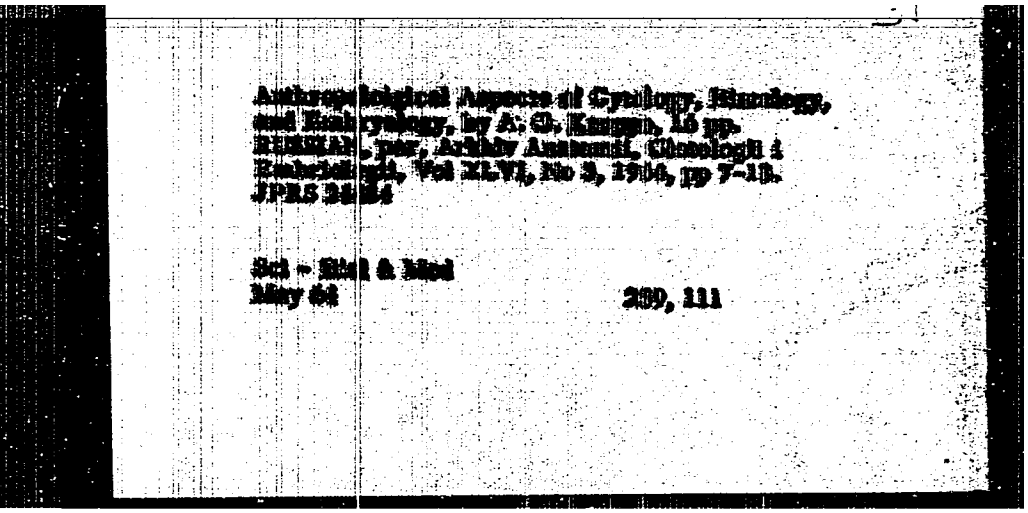

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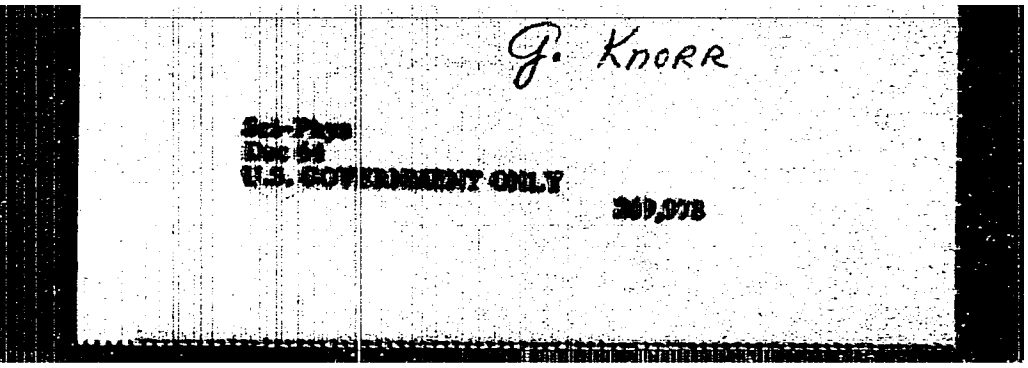

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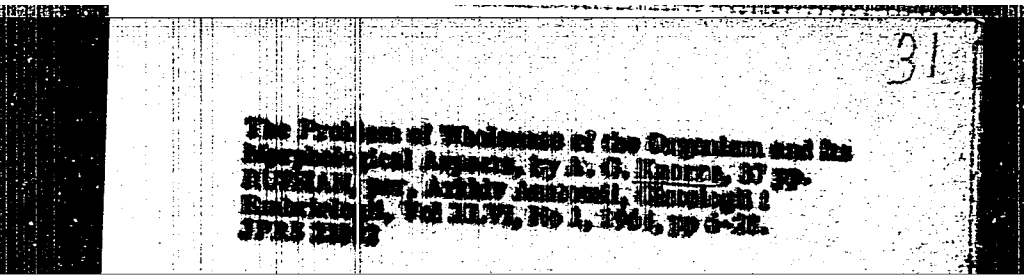

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The Energy of Activation of the Elementary Reaction $RO_2 + RH$ in the Oxidation of n-Decane, by D. G. Knorre, Z. K. Maizus, N. M. Emanuel, 6 pp.

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The Nature of the Chemical Manifestation of the Hydrogen Bond in Hydroperoxides of Aliphatic Acetyls, by D. G. Knorre, N. M. Emanuel', 27 pp.

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Knorre, G. F.
A NEW METHOD OF TECHNICAL ANALYSIS OF NATURAL GASES. II. DIRECT CALORIMETRY.
[1951] 3p.
Order from OTS or SLA $1.10 61-18689

Condensed trans. of Akademiya Nauk SSSR. Otdelenie Tekhnicheskikh Nauk. Izvestiya, 1945, p. 185-189.

DESCRIPTORS: Gases, *Natural gas, *Calorimetry, Analysis.

A method and some equipment are described for determination of calorific values of natural gas samples, but also suitable for determination of the calorific value of other gases, such as producer gas. (Author) (See also 61-18890)

(Chemistry--Analytical, TT, v. 7, no. 7)

61-18689

I. Knorre, G. F.
II. Title: Direct ...

197175

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Knorre, G. F.
A NEW METHOD OF TECHNICAL ANALYSIS OF NATURAL GASES. I. EMPLOYMENT OF GAS ANALYSIS. [1961] 8p. 3 refs.
Order from OTS or SLA $1.10 61-18890

Condensed trans. of Akademiya Nauk SSSR. Otdelenie Tekhnicheskikh Nauk. Izvestiya, 1945, p. 70-79.

DESCRIPTORS: Gases, *Natural gas, Analysis, *Calorimetry.

A simplified method of technical analysis of natural gas is reported based on calculation of the average number of carbon atoms per molecule gas from analytical data for flue gases subjected to additional combustion and using this value for computation of the heating value, specific gravity, amount of air required for combustion, etc., with the aid of formulas derived for (Chemistry--Analytical, TT, v. 7, no. 7) (over)

61-18890

I. Knorre, G. F.
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v38 n11 p2633-9 1964.
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The Kinetics of the Oxidation of 1,2-Diphenylethane by Potassium Permanganate in Aqueous Solutions, by K V. L. Knorre, N. M. Emanuel', 5 pp.

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Lighting of Windowless Buildings in Designs of the GPI Heavy Electricity Project, by G. M. Ka Knorring.

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Frequency-Subtracting Circuits of Frequency to Digit Converting Instruments, by V. G. Knorring, 6 pp.

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Recent Formulae for the Estimation of the Mean Velocity of Water in Open Channels, by A. Knotek, J. Martinec.

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Man and Equipment in the Army, by J. Knotek, 8 pp.

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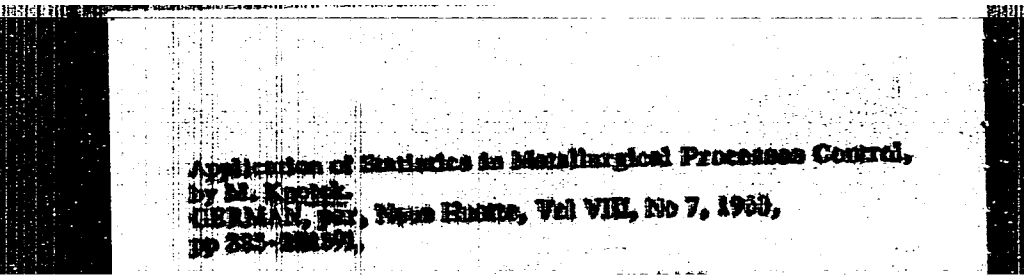

Application of Statistics in Metallurgical Processes Control,
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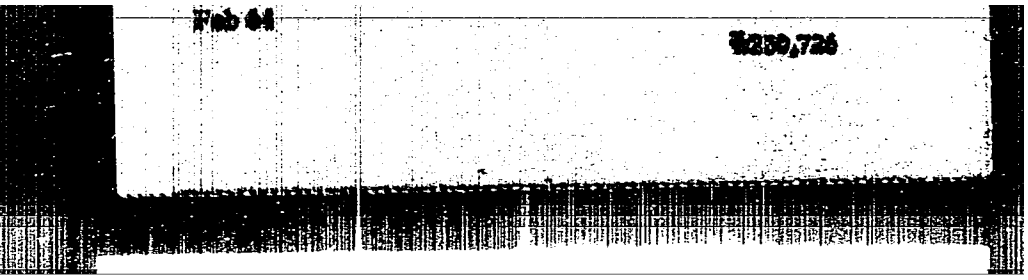

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Analysis of the Metallurgical Processes Involved in the Production of Tube Steels by Means of Mathematical Statistics, by M. Knotek.
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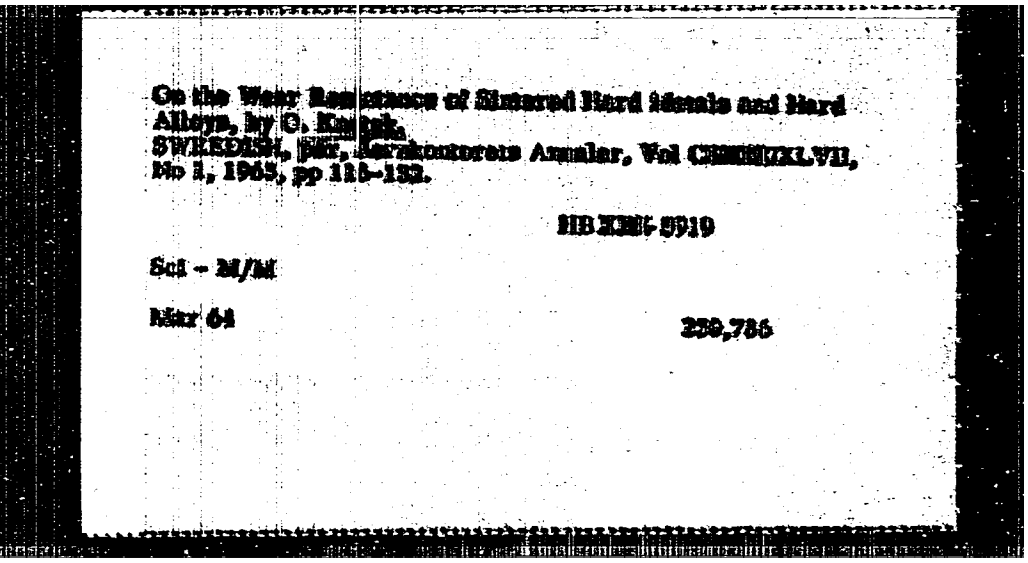

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Flux Depression within Fuel Rods, by
J. Knoth.
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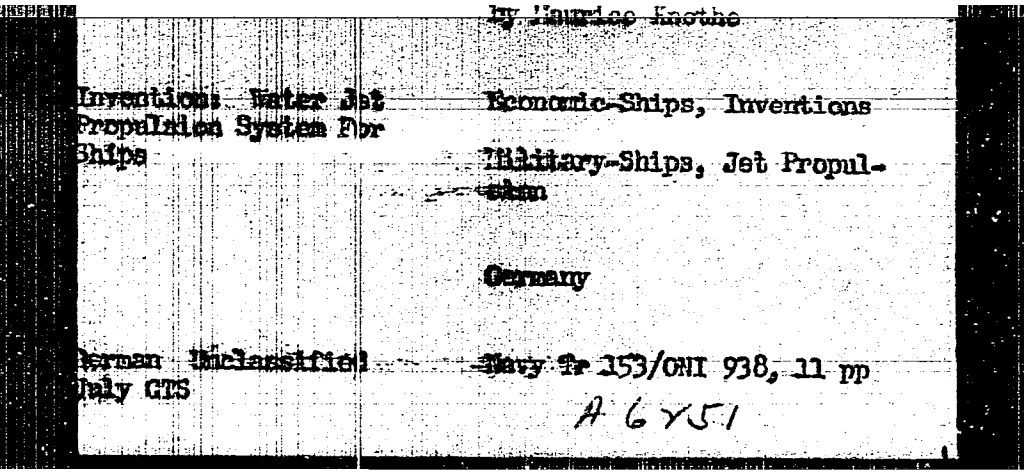

By Maurice Knothe

Inventions: Water Jet Propulsion System For Ships

Economic-Ships, Inventions

Military-Ships, Jet Propulsion

Germany

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ANTIBACTERIAL ACTIVITY OF 2-SULFANILAMIDO-5- METHOXYPYRIMIDINE. [1961] 29p. 26 refs.
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Trans. of Arzneimittel-Forschung (West Germany) 1961, v. 11, Aug. p. 684-694.

DESCRIPTORS: Pharmacology, *Sulfonamides, Alkoxy radicals, *Pyrimidines, *Bacteria, Chemotherapeutic agents, Effectiveness..

The antibacterial activity of a new sulfonamide, 2-sulfanilamido-5- methoxypyrimidine (sulfamethoxydiazine) was assayed in vitro and in vivo in comparison with sulfadiazine and long-acting sulfonamides. In low concentrations sulfamethoxydiazine shows marked bacteriostatic effects in vitro; it is characterized by a competitive antagonism towards p-aminobenzoic acid. (Biological Sciences--Pharmacology, TT, v. 7, no. 11)
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I. Title: Durenat
I. Knott, T.
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Knouki, A.
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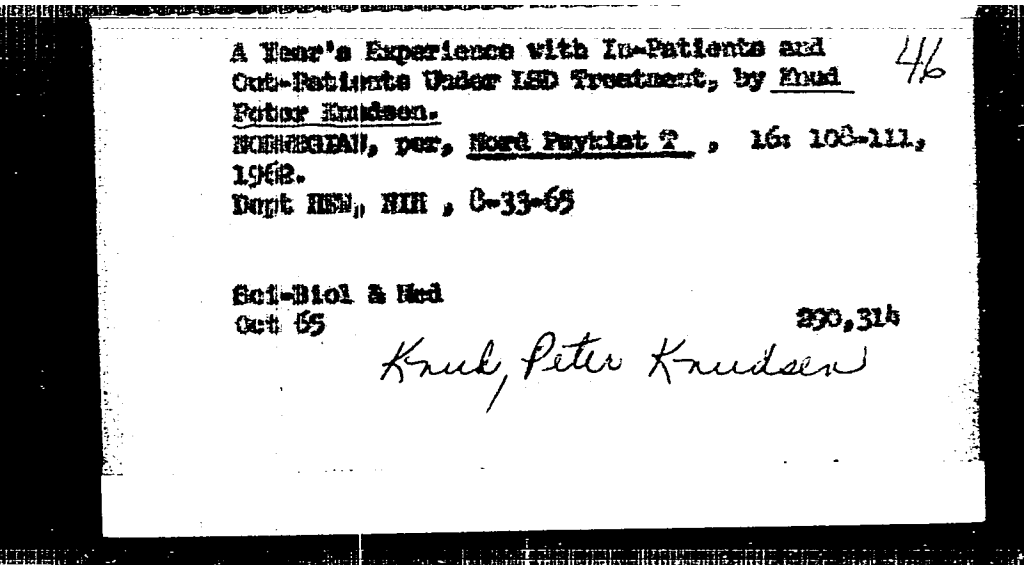

A Year's Experience with In-Patients and Out-Patients Under LSD Treatment, by Knud Peter Knudsen. 46

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The Relation Between Lightning Discharges and Whistlers, by Harald Norinder, Edgar Knudsen,

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The Field in a Rectangular Waveguide With a Conductive Diaphragm, by H. L. Knudsen, 66 pp.

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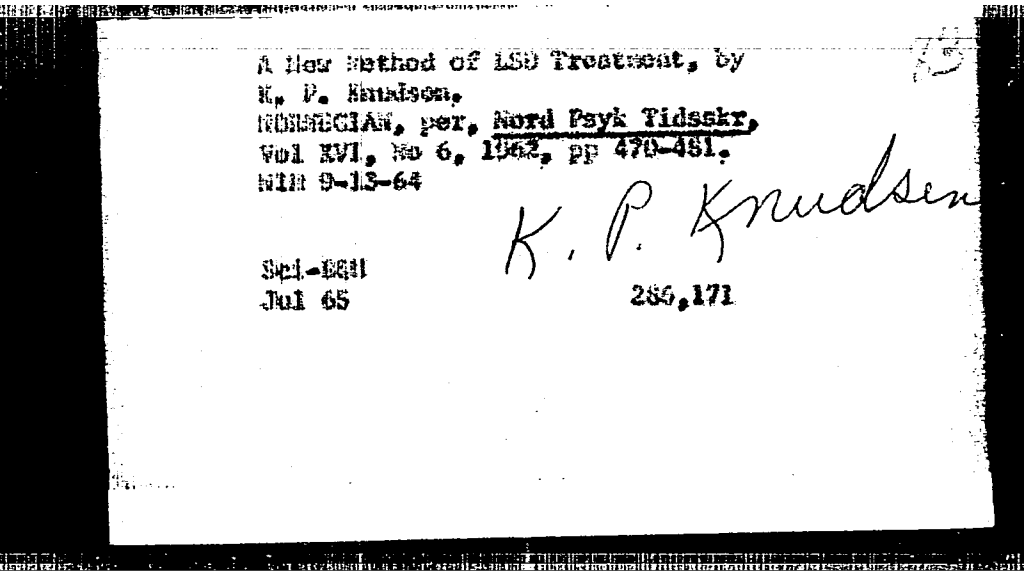

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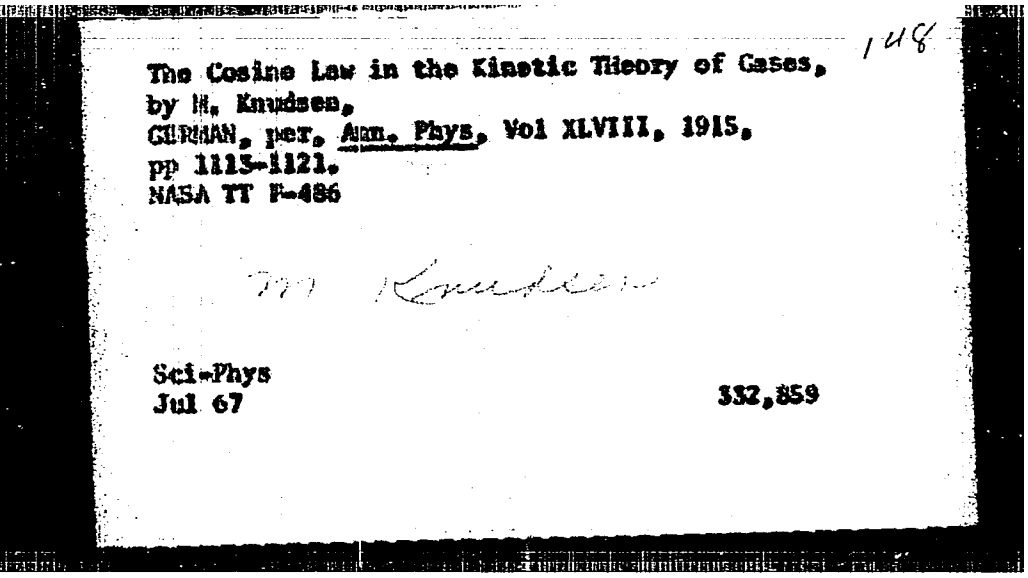

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